

The Filing Fee has been calculated as shown:

____ PLEASE ENTER PRELIMINARY AMENDMENT PRIOR TO CALCULATING FILING FEE

BASIC FEE	(Small Entity)		(Large Entity)	
	\$385		\$770	
Total Claims	12	- 20 =	x \$ 9 =	x \$ 18 =
Indep. Claims	1	- 3 =	x \$ 43 =	x \$ 86 =
Multiple Dependent Claims Presented	+ \$145 =		+ \$280 =	
TOTAL	\$385			

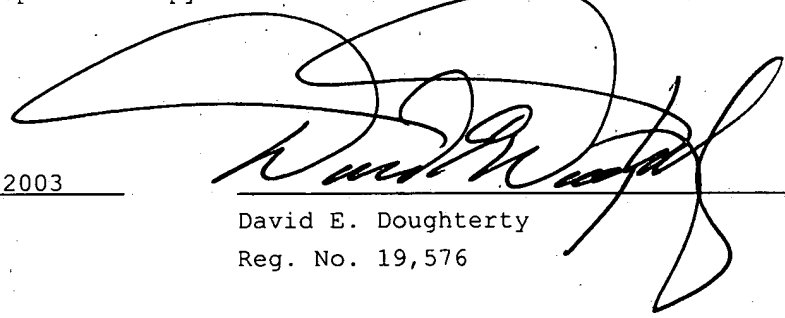
____ Please charge Deposit Account _____ in the amount of \$ _____
(A duplicate copy of this sheet is enclosed)

____ A check in the amount of \$ _____ is enclosed to cover:
 ____ Filing Fee of \$ _____
 ____ Assignment Recordation Fee of \$ _____

X A payment of \$ 385.00 is made by credit card for the Filing Fee. A Credit Card Payment Form (PTO-2038) is attached hereto. The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17, or credit any over payment to the credit card account shown on the attached Credit Card Payment Form. Refund of all amounts overpaid, including those of twenty-five dollars or less, is specifically requested. Any fees not accepted by the credit card shown on the Form PTO-2038 may be charged to Deposit Account 04-0753.

X The Commissioner is hereby authorized to charge payment of any additional claims fees required under 37 CFR \$1.16 or processing fees under 37 CFR \$1.17, or credit any overpayment, to Deposit Account 04-0753. A duplicate copy of this sheet is enclosed.

Date October 21, 2003


 David E. Dougherty
 Reg. No. 19,576

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